

April 4, 2016

Ms. Jennifer Opila
Colorado Department of Public Health & Environment
Hazardous Materials and Waste Management Division
4300 Cherry Creek Drive S.
Denver, CO 80246-1530



Re: Response to Request for Information

Dear Ms. Opila,

On behalf of Black Range Minerals (BRM), I present to you this letter and attached documents as response to the Colorado Department of Public Health and Environment, Hazardous Materials and Waste Management Division's (the Division) letter dated August 13, 2015 **Re: Request for Information, July 2015 White Paper**.

Initial discussions between the Division and BRM regarding the Ablation Mining Technology (AMT) were with regards to the generic regulation of the AMT use and did not include any specific geographic location or mine site setting. In September of 2015, BRM was acquired by a new parent company, Western Uranium Corporation, which controls a number of permitted mine sites through its subsidiary, Pinon Ridge Mining, LLC (PRM). BRM remains the controlling subsidiary of AMT and has since focused its efforts toward implementing AMT into the PRM-owned Sunday Mine Complex (SMC) located in west San Miguel County, Colorado.

The following response format is aligned with the Division's original request for information (RFI) and responses to each of your items from the RFI can be found in the referenced Attachments as presented below:

1. *An assessment of potential risks to the workers, member of the public, and the environment, resulted from the operation of Ablation Mining Technology (AMT). the assessment should include, but not be limited to:*

- *Bullet Point 1: Please see Attachment 1.1*
- *Bullet Point 2: Please see Attachment 1.2*
- *Bullet Point 3: Please see Attachment 1.3*
- *Bullet Point 4: Please see Attachment 1.4*

2. *Detailed description of the following items:*

2.1 *The location and setting of the AMT unit:*

- *Bullet Point 1: Please see Attachment 2.1*
- *Bullet Point 2: Please see Attachment 2.1*
- *Bullet Point 3: Please see Attachment 2.1*

2.2 *The pre- and post-AMT materials:*

- *Bullet Point 1: Please see Attachment 2.2*
- *Bullet Point 2: Please see Attachment 2.2*

- *Bullet Point 3: Please see Attachment 2.2*
- *Bullet Point 4: Please see Attachment 2.2*

2.3 Please provide more details of the following AMT processes than those already presented in the White Paper:

- *Bullet Point 1: Please see Attachment 2.3*
- *Bullet Point 2: Please see Attachment 2.3*
- *Bullet Point 3: Please see Attachment 2.3*
- *Bullet Point 4: Please see Attachment 2.3*
- *Bullet Point 5: Please see Attachment 2.3*

2.4 Water in the AMT operation:

- *Bullet Point 1: Please see Attachment 2.4*
- *Bullet Point 2: Please see Attachment 2.4*
- *Bullet Point 3: Please see Attachment 2.4*

3. If available, please provide sample lab test results showing the mineral, physical, and chemical compositions of uranium and its progeny and any other major metals for the pre-AMT sandstone, post-AMT minerals, and the post-AMT waste rocks.

- Please see Attachment 3.0

It is important to note that an AMT system and ancillary component design for the SMC has not yet been finalized. Discussion contained in this transmittal package is based on an existing AMT system design capable of a 5 tons/hour material throughput which has been scaled to 20 tons/hour. Upon receiving a determination from the Division, appropriate permits, licenses, and authority will be gained prior to undertaking any operations as described herein.

Please feel free to contact me at (720) 258-6329 or psiglin@western-uranium.com if you have any questions or comments.

Sincerely,



Patrick C Siglin
Black Range Minerals
Vice President, Development

cc: Ms. Shiya Wang, Ph. D., Environmental Protection Specialist - CDPHE